

In the Specification:

*The paragraph beginning on page 29, line 3.*

Downstream housing section 108 includes a tubular cylinder 126 in which is disposed a hydraulic ram 128 on which is mounted downstream traction module 102. Hydraulic ports ~~130~~135, 132 are disposed at the opposite ends of tubular cylinder 126 for applying hydraulic pressure to ram 128. Hydraulic ports 134, 136 are disposed adjacent downstream traction module ~~104~~102 for expanding and contracting the traction module in and out of engagement with the wall of borehole 12. It should be appreciated that upstream housing section 112 is similar in construction and operation. It should also be appreciated that propulsion system 120 includes a series of valves using fluid pressure for the actuation of traction modules 102, 104 and rams 128, 129 mounted on traction modules 102, 104, respectively.

*The paragraph beginning on page 29, line 12 and ending on page 30, line 7.*

The cycle of propulsion system 120 includes expanding downstream traction module 102 into engagement with the interior of borehole 12 with the upstream traction module 104 in the contracted and non-engaged position. Hydraulic pressure is applied through hydraulic ports ~~130~~135 applying pressure to ram 128. As pressure is applied against ram 128 which is stationary due to its attachment to engaged traction module 102, housing 106 moves down hole driving bit 140 forwardly upstream. Hydraulic fluid is simultaneously applied through hydraulic port ~~142~~133 causing contracted upstream traction module 104 to move forward on upstream housing section 112. Upstream traction module 104 moves forward simultaneously with housing 106 moving downhole and actuating the bit 140. Once the downstream traction module 102 reaches the upstream end of tubular cylinder 126, it has completed its forward stroke and is contracted. Simultaneously, upstream traction module 104 has now completed its travel to the downstream end of tubular cylinder 127 and it is in its reset position to start its downward stroke of bit 140. Traction module 104 is then expanded into engagement with borehole 12. As hydraulic pressure is applied through hydraulic port 131 and against upstream ram 129, propulsion system 120 strokes downwardly against bit 140. Simultaneously, downstream traction module 102 is contracted and reset by applying hydraulic pressure through upstream port 132. The cycle is then repeated allowing the